MATERIAL SAFETY DATA SHEET

CESIUM CHROMATE

CHEMICAL NAME & SYNONYMS
Cesium Chromate

DOT CLASS
9/III

SARA TITLE 313
Yes - Cr Cmpds

FORMULA
Cs₂CrO₄

F.W.
248.90

CAS#
56320-90-2

PHYSICAL DATA
Water soluble.

APPEARANCE & ODOR
Yellow crystals and powder. Odorless.

REACTIVITY & CONDITIONS TO AVOID

FIRE HAZARDS
May cause fire with reducing or combustible materials. Firefighters wear SCBA.

EXTINGUISHER
Water

FLASHPOINT
N/A

LEL
N/A

UEL
N/A

HEALTH HAZARDS
Irritating to skin, eyes and mucous membranes. Consider toxic by all routes. LD/TD no data. PEL: CL 0.1 mg (CrO₃)/m³. TLV: TWA 0.05 mg (Cr)/m³. Confirmed human carcinogen (Cr VI) producing tumors of lungs, nasal cavity and sinuses. Chronic inhalation may lead to lesions of the nasal septum. On California Prop 65 list.

SPECIAL PRECAUTIONS
Wear goggles and rubber gloves while handling. Use only with adequate ventilation or suitable respirator to prevent inhalation.

FIRST AID
Wash skin and eyes thoroughly with water. Get medical attention for eyes. If swallowed, give water or milk and induce vomiting. Call a physician.

SPILLS & LEAKS
Contain spill. Take up with water and inorganic absorbent. Disposal to hazardous waste only. See local regulations regarding disposal.

CATALOG #
1366

PREPARED BY
LM

DATE
10/15/96